OMB	No.	065	1-	0	0	1	
-----	-----	-----	----	---	---	---	--

				Atty. Docket No.	Serial	No.		
				04208.0056-01	08/	182	4,75	4
INFORMAT	I NOI	DISCLOSURE CI	PATION	Applicant	7			
(Use seve	eral s	sheets if nec	essary)	Tsuyoshi MAEDA et al.				:
				Filing Date	Group		211	7
				March 24, 1997	•	14	Z G	ŀ
				· ·		ن / ن		
			ט	.s. patent documents				
*Examiner		Document				Sub	Filing	
Initial		Number	Date	Name	Class	Class	If Appr	<u>opriate</u>
-11		4,010,329		Tutas et al.				· · · · · · · · · · · · · · · · · · ·
-12		3,935,758	02/03/76	Polzin et al.				
					·	<u> </u>		I
·-···								
			FO	REIGN PATENT DOCUMENTS				
		Document				Sub	<u>Transl</u>	ation
		Number	Date	Country	Class	Class	Yes	No_
$-\mathcal{K}_{\mathcal{Q}}$		51-135015	11/22/76	Japan				XX
1189		62-46780	02/28/87	Japan				XX
1/6		5-338627	12/21/93	Japan				XX
		WO93/09050A1	05/13/93	PCT			in Eng	lish
								L
V								_
								<u> </u>
								<u> </u>
•			•	•	•	•	•	
.11	OTHER	R DOCUMENTS (Including	Author, Title, Date, Peri	inent Pa	ages, 1	stc.)	
		Communication	n from th	e U.K. Patent Office Exami	iner of	Octobe	r 10, 19	96.
<i>1</i> 2								
V		•						
	-							
Examiner				Date Conside	ared/			-
· 		NGEL			14/18			
		1000	-	" " / '	17/10			
					7			
*EXAMINER	t: Ini	itial if refer	rence con	sidered, whether or not control through citation if not	itation :	is in o	conforma and not	nce

Patent and Trademark Office - U.S. DEPARTMENT OF COMMERCE

considered. Include copy of this form with next communication to applicant.

	•			
INFO	DRMATION D	DISCLOSU	RE STEM	IENT
(U	lse Several S	Sheets if Ne	cessry)	

04208.0056-01000	08/826,754
Atty Docket No.	Serial No.
TSUYOSHI MAEDA	
Applicant	
March 24, 1997	1 304 -1724
Filing Date	Group

U.S. PATENT DOCUMENTS

	 		CIGIT ATENT DOGGINE			
*Examiner Inital	Document Number	Date	Name	Class	Sub Class	Filing Date If Appropriate
N/	4,818,329	4/4/89	Tutas et al.		 	
	 5 <u>₩</u>					
						†
			1	I	1	1

FOREIGN PATENT DOCUMENTS

0	Document Number	Date	Country	Class	Sub Class	Translation YES NO
K	DE3834602 C2	7/26/90	Germany			*
U		ļ				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc)

K	German Office Action of Application No. 196 32 268.5, October 23, 1997 (English Translation)	
U		

Examiner:	ENGEL	Date Considered: 5/14/98

*Examiner:

Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

OMB No. 0651-0011

			-	Atty. Docket No.	Serial	No.		
	-	•		04208.0056-01000	08/826	,754		
		DISCLOSURE CI	TATION	Applicant		-		
/	eral	sheets if nec	essary)	Tsuyoshi MAEDA et al.				
SEP	1913	ן שולת	- 	Filing Date	Group		- 0	,
			ì	March 24, 1997		17:	1 V	
	. 0.5	arci.	Ì.			10		
	近巴	997	Ħ	S. PATENT DOCUMENTS				
*Examiner		Document				Sub	Filing	Date
Initrial	<u> </u>	Number	Date	Name	Class	Class	If Appro	priate
_X		4,075,053	02/21/78	Adams			<u> </u>	
	<u> </u>	ļ			ļ	<u> </u>		
	<u> </u>					<u> </u>	<u></u>	
						<u> </u>		
	-	l i	<u> </u>		 	<u> </u>	<u> </u>	
	l	1			<u> </u>			
	<u> </u>	<u> </u>	1		1	 	<u> </u>	
	<u> </u>					<u> </u>		
	 	i .	<u> </u>			<u> </u> 		
	L					!		
•			FOI	REIGN PATENT DOCUMENTS				
	<u> </u>	Document			1	Sub	Transla	ation
	 	!	Date	Country	Class	1		No
Ro	 	Number 2 238 339 A	Date 05/29/91	Country United Kingdom	Class	Class	Yes	No
- K		Number		Country United Kingdom United Kingdom	Class	1		No Lish)
K		Number 2 238 339 A	05/29/91	United Kingdom	Class	1	Yes (in Enq]	No Lish)
Ho Ho		Number 2 238 339 A 2 304 093 A	05/29/91 03/12/97	United Kingdom United Kingdom Japan	Class	1	Yes (in Enq]	No lish) lish)
		Number 2 238 339 A 2 304 093 A 3-166068	05/29/91 03/12/97 07/18/91	United Kingdom United Kingdom Japan	Class	1	Yes (in Enq]	No Lish) Lish)
		Number 2 238 339 A 2 304 093 A 3-166068 2-221582	05/29/91 03/12/97 07/18/91 09/04/90	United Kingdom United Kingdom Japan Japan	Class	1	Yes (in Enq]	No Lish) Lish) XX XX
		Number 2 238 339 A 2 304 093 A 3-166068 2-221582	05/29/91 03/12/97 07/18/91 09/04/90	United Kingdom United Kingdom Japan Japan	Class	1	Yes (in Enq]	No Lish) Lish) XX XX
		Number 2 238 339 A 2 304 093 A 3-166068 2-221582	05/29/91 03/12/97 07/18/91 09/04/90	United Kingdom United Kingdom Japan Japan	Class	1	Yes (in Enq]	No Lish) Lish) XX XX
		Number 2 238 339 A 2 304 093 A 3-166068 2-221582	05/29/91 03/12/97 07/18/91 09/04/90	United Kingdom United Kingdom Japan Japan	Class	1	Yes (in Enq]	No Lish) Lish) XX XX
	OTHE	Number 2 238 339 A 2 304 093 A 3-166068 2-221582 5-65298	05/29/91 03/12/97 07/18/91 09/04/90 09/17/93	United Kingdom United Kingdom Japan Japan		Class	Yes (in Enq)	No Lish) Lish) XX XX
	OTHE	Number 2 238 339 A 2 304 093 A 3-166068 2-221582 5-65298	05/29/91 03/12/97 07/18/91 09/04/90 09/17/93	United Kingdom United Kingdom Japan Japan Japan		Class	Yes (in Enq)	No Lish) Lish) XX XX
	OTHE	Number 2 238 339 A 2 304 093 A 3-166068 2-221582 5-65298	05/29/91 03/12/97 07/18/91 09/04/90 09/17/93	United Kingdom United Kingdom Japan Japan Japan		Class	Yes (in Enq)	No Lish) Lish) XX XX
	OTHE	Number 2 238 339 A 2 304 093 A 3-166068 2-221582 5-65298	05/29/91 03/12/97 07/18/91 09/04/90 09/17/93	United Kingdom United Kingdom Japan Japan Japan		Class	Yes (in Enq)	No Lish) Lish) XX XX
	OTHE	Number 2 238 339 A 2 304 093 A 3-166068 2-221582 5-65298	05/29/91 03/12/97 07/18/91 09/04/90 09/17/93	United Kingdom United Kingdom Japan Japan Japan		Class	Yes (in Enq)	No Lish) Lish) XX XX
	OTHE	Number 2 238 339 A 2 304 093 A 3-166068 2-221582 5-65298	05/29/91 03/12/97 07/18/91 09/04/90 09/17/93	United Kingdom United Kingdom Japan Japan Japan Author, Title, Date, Per	rtinent P	Class	Yes (in Enq)	No Lish) Lish) XX XX
Examiner	OTHE	Number 2 238 339 A 2 304 093 A 3-166068 2-221582 5-65298 	05/29/91 03/12/97 07/18/91 09/04/90 09/17/93 	United Kingdom United Kingdom Japan Japan Japan Author, Title, Date, Per	rtinent P	Class	Yes (in Enq)	No Lish) Lish) XX XX
Examiner	OTHE	Number 2 238 339 A 2 304 093 A 3-166068 2-221582 5-65298	05/29/91 03/12/97 07/18/91 09/04/90 09/17/93 	United Kingdom United Kingdom Japan Japan Japan Author, Title, Date, Per	rtinent P	Class	Yes (in Enq)	No Lish) Lish) XX XX
Examiner	OTHE	Number 2 238 339 A 2 304 093 A 3-166068 2-221582 5-65298 	05/29/91 03/12/97 07/18/91 09/04/90 09/17/93 	United Kingdom United Kingdom Japan Japan Japan Author, Title, Date, Per	rtinent P	Class	Yes (in Enq)	No Lish) Lish) XX XX
	R: In:	Number 2 238 339 A 2 304 093 A 3-166068 2-221582 5-65298	05/29/91 03/12/97 07/18/91 09/04/90 09/17/93 	United Kingdom United Kingdom Japan Japan Japan Author, Title, Date, Per	dered /98	is in ormance	Yes (in Enq) (in Enq) Stc.)	No Lish) XX XX XX AXA AXA AXA AXA AXA AXA AXA A